

Postdoctoral Fellowship in Neuroscience

Location: Woodin Lab, Department of Cell and Systems Biology, University of Toronto
25 Harbord Street, Toronto, Ontario, Canada, M5S 3G5

Anticipated Start Date: Summer or Fall 2017

The Woodin Lab is focused on understanding inhibitory synaptic function and plasticity. A key protein underlying inhibitory transmission is the chloride extruder KCC2. We are currently discovering and characterizing KCC2 protein interactions, in order to determine how they regulate KCC2 function. We are recruiting a postdoctoral fellow to identify and characterize KCC2-protein interactions that can be targeted for KCC2 enhancement in the treatment of autism spectrum disorder (ASD).

The ideal candidate will have expertise and/or education in a combination of proteomics, biochemistry, and electrophysiology.

The initial appointment will be for one-year, and is renewable for a second year. Salary will be commensurate with experience.

Applications for the position can be made by emailing a cover letter, resume, and the contact information for two academic references to Melanie Woodin at m.woodin@utoronto.ca